Embedded Microprocessors

Intel486™ Processors

Intel386™ Processors

Intel 376 Processors and Peripherals

80186/80188 Family

intel®

intel®

80186/80188 Family

376 Embedded Processors

Embedded Intel386™ Processors

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Embedded Microprocessors

For over 10 years, the industry-accepted 186 family has continued to provide 16-bit, high-performance solutions for embedded microprocessor designs.

Later, with the introduction of the Intel386™ embedded processor family, embedded designers have a 32-bit performance solution. The Intel386 processors provide easy upgradability for existing 16-bit designs while providing new, high-performance features such as protected mode programming and DOS compatibility. With the introduction of the Intel386 EX embedded processor, designers have a highly-integrated solution for embedded systems.

In 1995, Intel introduced embedded designers to the popular Intel486™ processor family used in desktop computers. Now, embedded designers have a 32-bit solution that includes an internal cache and a RISC-technology core for added performance. For added performance, the embedded IntelDX2™ processor's internal-core clock frequency is twice as fast as the external clock frequency. The highest-performing member of the family, the IntelDX4™ processor, operates at three-times the external clock frequency.

Recently, Intel introduced two Ultra-Low Power members of the Intel486 processor family. Now, battery-operated, embedded designs can have the advantages of the Intel architecture.

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